

SEQUENCE LISTING

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<160> 30

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<210> 1
<211> 253
<212> PRT
<213> Homo sapiens

<400> 1

Met Ala Asn Leu Gly Cys Trp Met Leu Val Leu Phe Val Ala Thr Trp
1 5 10 15

Ser Asp Leu Gly Leu Cys Lys Lys Arg Pro Lys Pro Gly Gly Trp Asn
20 25 30

Thr Gly Gly Ser Arg Tyr Pro Gly Gln Gly Ser Pro Gly Gly Asn Arg
35 40 45

Tyr Pro Pro Gln Gly Gly Trp Gly Gln Pro His Gly Gly Gly
50 55 60

Trp Gly Gln Pro His Gly Gly Trp Gly Gln Pro His Gly Gly Gly
65 70 75 80

Trp Gly Gln Pro His Gly Gly Trp Gly Gln Pro His Gly Gly His
85 90 95

Ser Gln Trp Asn Lys Pro Ser Lys Pro Lys Thr Asn Met Lys His Met

100

105

110

Ala Gly Ala Ala Ala Ala Gly Ala Val Val Gly Gly Leu Gly Gly Tyr
115 120 125

Met Leu Gly Ser Ala Met Ser Arg Pro Ile Ile His Phe Gly Ser Asp
130 135 140

Tyr Glu Asp Arg Tyr Tyr Arg Glu Asn Met His Arg Tyr Pro Asn Gln
145 150 155 160

Val Tyr Tyr Arg Pro Met Asp Glu Tyr Ser Asn Gln Asn Asn Phe Val
165 170 175

His Asp Cys Val Asn Ile Thr Ile Lys Gln His Thr Val Thr Thr Thr
180 185 190

Thr Lys Gly Glu Asn Phe Thr Glu Thr Asp Val Lys Met Met Glu Arg
195 200 205

Val Val Glu Gln Met Cys Ile Thr Gln Tyr Glu Arg Glu Ser Gln Ala
210 215 220

Tyr Tyr Gln Arg Gly Ser Ser Met Val Leu Phe Ser Ser Pro Pro Val
225 230 235 240

Ile Leu Leu Ile Ser Phe Leu Ile Phe Leu Ile Val Gly
245 250

<210> 2

<211> 252

<212> PRT

<213> Oryctolagus cuniculus

<400> 2

Met Ala His Leu Gly Tyr Trp Met Leu Leu Phe Val Ala Thr Trp
1 5 10 15

Ser Asp Val Gly Leu Cys Lys Lys Arg Pro Lys Pro Gly Gly Trp
20 25 30

Asn Thr Gly Gly Ser Arg Tyr Pro Gly Gln Ser Ser Pro Gly Gly Asn
35 40 45

Arg Tyr Pro Pro Glu Gly Gly Gly Pro Gly Glu Pro His Gly Gly Gly

50

55

60

Trp Gly Gln Pro His Gly Gly Gly Trp Gly Gln Pro His Gly Gly Gly
65 70 75 80

Trp Gly Gln Pro His Gly Gly Gly Trp Gly Gln Gly Gly Thr His Asn
85 90 95

Gln Trp Gly Lys Pro Ser Lys Pro Lys Thr Ser Met Lys His Val Ala
100 105 110

Gly Ala Ala Ala Ala Gly Ala Val Val Gly Gly Leu Gly Gly Tyr Met
115 120 125

Leu Gly Ser Ala Met Ser Arg Pro Leu Ile His Phe Gly Asn Asp Tyr
130 135 140

Glu Asp Arg Tyr Tyr Arg Glu Asn Met Tyr Arg Tyr Pro Asn Gln Val
145 150 155 160

Tyr Tyr Arg Pro Val Asp Gln Tyr Ser Asn Gln Asn Ser Phe Val His
165 170 175

Asp Cys Val Asn Ile Thr Val Lys Gln His Thr Val Thr Thr Thr
180 185 190

Lys Gly Glu Asn Phe Thr Glu Thr Asp Ile Lys Ile Met Glu Arg Val
195 200 205

Val Glu Gln Met Cys Ile Thr Gln Tyr Gln Gln Glu Ser Gln Ala Ala
210 215 220

Tyr Gln Arg Ala Ala Gly Val Leu Leu Phe Ser Ser Pro Pro Val Ile
225 230 235 240

Leu Leu Ile Ser Phe Leu Ile Phe Leu Ile Val Gly
245 250

<110> 3
<111> 234
<112> PRT
<213> Syrian golden hamster

<470> 3

Met Ala Asn Leu Ser Tyr Trp Leu Leu Ala Leu Phe Val Ala Met Trp

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15

Thr Asp Val Gly Leu Cys Lys Lys Arg Pro Lys Pro Gly Gly Trp Asn
20 25 30

Thr Gly Gly Ser Arg Tyr Pro Gly Gln Gly Ser Pro Gly Gly Asn Arg
35 40 45

Tyr Pro Pro Gln Gly Gly Thr Trp Gly Gln Pro His Gly Gly Gly
50 55 60

Trp Gly Gln Pro His Gly Gly Trp Gly Gln Pro His Gly Gly Gly
65 70 75 80

Trp Gly Gln Pro His Gly Gly Trp Gly Gln Gly Gly Thr His
85 90 95

Asn Gln Trp Asn Lys Pro Ser Lys Pro Lys Thr Asn Met Lys His Met
100 105 110

Ala Gly Ala Ala Ala Ala Gly Ala Val Val Gly Gly Leu Gly Gly Tyr
115 120 125

Met Leu Gly Ser Ala Met Ser Arg Pro Met Met His Phe Gly Asn Asp
130 135 140

Trp Glu Asp Arg Tyr Tyr Arg Glu Asn Met Asn Arg Tyr Pro Asn Gln
145 150 155 160

Val Tyr Tyr Arg Pro Val Asp Gln Tyr Asn Asn Gln Asn Phe Val
165 170 175

His Asp Cys Val Asn Ile Thr Ile Lys Gln His Thr Val Thr Thr Thr
180 185 190

Thr Lys Gly Glu Asn Phe Thr Glu Thr Asp Ile Lys Ile Met Glu Arg
195 200 205

Val Val Glu Gln Met Cys Thr Thr Gln Tyr Gln Lys Glu Ser Gln Ala
210 215 220

Tyr Tyr Asp Ily Arg Arg Ser Ser Ala Val Leu Phe Ser Ser Pro Pro
225 230 235 240

Val Ile Leu Leu Ile Ser Phe Leu Ile Phe Leu Met Val Gly
245 250

<210> 4
<211> 254
<212> PRT
<213> Murinae gen. sp.
<400> 4

Met Ala Asn Leu Gly Tyr Trp Leu Leu Ala Leu Phe Val Thr Met Trp
1 5 10 15

Thr Asp Val Gly Leu Cys Lys Lys Arg Pro Lys Pro Gly Gly Trp Asn
20 25 30

Thr Gly Gly Ser Arg Tyr Pro Gly Gln Gly Ser Pro Gly Gly Asn Arg
35 40 45

Tyr Pro Pro Gln Gly Gly Thr Trp Gly Gln Pro His Gly Gly Gly Trp
50 55 60

Gly Gln Pro His Gly Ser Trp Gly Gln Pro His Gly Gly Ser Trp
65 70 75 80

Gly Gln Pro His Gly Gly Trp Gly Gln Gly Gly Gly Thr His Asn
85 90 95

Gln Trp Asn Lys Pro Ser Lys Pro Lys Thr Asn Leu Lys His Val Ala
100 105 110

Gly Ala Ala Ala Ala Gly Ala Val Val Gly Gly Leu Gly Gly Tyr Met
115 120 125

Leu Gly Ser Ala Met Ser Arg Pro Met Ile His Phe Gly Asn Asp Trp
130 135 140

Glu Asp Arg Tyr Tyr Arg Glu Asn Met Tyr Arg Tyr Pro Asn Gln Val
145 150 155 160

Tyr Tyr Arg Pro Val Asp Gln Tyr Ser Asn Gln Asn Asn Phe Val His
165 170 175

Asp Cys Val Asn Ile Thr Ile Lys Gln His Thr Val Thr Phe Thr Thr
180 185 190

Lys Gly Glu Asn Phe Thr Glu Thr Asp Val Lys Met Met Glu Arg Val
195 200 205

Val Glu Gln Met Cys Val Ile Gln Tyr Gln Lys Glu Ser Gln Ala Tyr
210 215 220

Tyr Asp Gly Arg Arg Ser Ser Ser Thr Val Leu Phe Ser Ser Pro Pro
225 230 235 240

Val Ile Leu Leu Ile Ser Phe Leu Ile Phe Leu Ile Val Gly
245 250

<210> 5

<211> 256

<212> PRT

<213> Bos taurus

<400> 5

Met Val Lys Ser His Ile Gly Ser Trp Ile Leu Val Leu Phe Val Ala
1 5 10 15

Met Trp Ser Asp Val Gly Leu Cys Lys Lys Arg Pro Lys Pro Gly Gly
20 25 30

Gly Trp Asn Thr Gly Gly Ser Arg Tyr Pro Gly Gln Gly Ser Pro Gly
35 40 45

Gly Asn Arg Tyr Pro Pro Gln Gly Gly Gly Trp Gly Gln Pro His
50 55 60

Gly Gly Gly Trp Gly Gln Pro His Gly Gly Gly Trp Gly Gln Pro His
65 70 75 80

Gly Gly Gly Trp Gly Gln Pro His Gly Gly Gly Trp Gly Gln Gly
85 90 95

Gly Thr His Gly Gln Trp Asn Lys Pro Ser Lys Pro Lys Thr Asn Met
100 105 110

Lys His Val Ala Gly Ala Ala Ala Gly Ala Val Val Gly Gly Leu
115 120 125

Gly Gly Tyr Met Ile Gly Ser Ala Met Ser Arg Pro Leu Ile His Phe
130 135 140

Gly Ser Asp Tyr Glu Asp Arg Tyr Tyr Arg Glu Asn Met His Arg Tyr
145 150 155 160

Pro Asn Gln Val Tyr Tyr Arg Pro Val Asp Gln Tyr Ser Asn Gln Asn
165 170 175

Asn Phe Val His Asp Cys Val Asn Ile Thr Val Lys Glu His Thr Val
180 185 190

Thr Thr Thr Lys Gly Glu Asn Phe Thr Glu Thr Asp Ile Lys Met
195 200 205

Met Glu Arg Val Val Glu Gln Met Cys Ile Thr Gln Tyr Gln Arg Glu
210 215 220

Ser Gln Ala Tyr Tyr Gln Arg Gly Ala Ser Val Ile Leu Phe Ser Ser
225 230 235 240

Pro Pro Val Ile Leu Leu Ile Ser Phe Leu Ile Phe Leu Ile Val Gly
245 250 255

<210> 6

<211> 256

<212> PRT

<213> Ovis aries

<400> 6

Met Val Lys Ser His Ile Gly Ser Trp Ile Leu Val Leu Phe Val Ala
1 5 10 15

Met Trp Ser Asp Val Gly Leu Cys Lys Lys Arg Pro Lys Pro Gly Gly
20 25 30

Gly Trp Asn Thr Gly Gly Ser Arg Tyr Pro Gly Gln Gly Ser Pro Gly
35 40 45

Gly Asn Arg Tyr Pro Pro Gln Gly Gly Trp Gly Gln Pro His
50 55 60

Gly Gly Gly Trp Gly Gln Pro His Gly Gly Gly Trp Gly Gln Pro His
65 70 75 80

Gly Gly Gly Trp Gly Gln Pro His Gly Gly Gly Trp Gly Gln Gly
85 90 95

Gly Ser His Ser Gln Trp Asn Lys Pro Ser Lys Pro Lys Thr Asn Met
100 105 110

Lys His Val Ala Gly Ala Ala Ala Gly Ala Val Val Gly Gly Leu
115 120 125

Gly Gly Tyr Met Leu Gly Ser Ala Met Ser Arg Pro Leu Ile His Phe
130 135 140

Gly Asn Asp Tyr Glu Asp Arg Tyr Tyr Arg Glu Asn Met Tyr Arg Tyr
145 150 155 160

Pro Asn Gln Val Tyr Tyr Arg Pro Val Asp Arg Tyr Ser Asn Gln Asn
165 170 175

Asn Phe Val His Asp Cys Val Asn Ile Thr Val Lys Gln His Thr Val
180 185 190

Thr Thr Thr Lys Gly Glu Asn Phe Thr Glu Thr Asp Ile Lys Ile
195 200 205

Met Glu Arg Val Val Glu Gln Met Cys Ile Thr Gln Tyr Gln Arg Glu
210 215 220

Ser Gln Ala Tyr Tyr Gln Arg Gly Ala Ser Val Ile Leu Phe Ser Ser
225 230 235 240

Pro Pro Val Ile Leu Leu Ile Ser Phe Leu Ile Phe Leu Ile Val Gly
245 250 255

<210> 7

<211> 13

<212> PRT

<213> Homo sapiens

<400> 7

Gly Gln Gly Gly Gly Thr His Ser Gln Trp Asn Lys Pro
1 5 10

<210> 4

<211> 12

<212> PRT

<213> Cryptotis cuniculus

<400> 4

Gly Gln Gly Gly Thr His Asn Ile Tyr Gly Lys Pro

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<210> 9
<211> 13
<212> PRT
<213> Syrian golden hamster

<400> 9

Gly Gln Gly Gly Thr His Asn Gln Trp Asn Lys Pro
1 5 10

<210> 10
<211> 12
<212> PRT
<213> Bos taurus

<400> 10

Gly Gln Gly Gly Thr His Gly Gln Trp Asn Lys Pro
1 5 10

<210> 11
<211> 13
<212> PRT
<213> Ovis aries

<400> 11

Gly Gln Gly Gly Ser His Ser Gln Trp Asn Lys Pro
1 5 10

<210> 11
<211> 13
<212> PRT
<213> Homo sapiens

<400> 11

Ser Gln Trp Asn Lys Pro Ser Lys Pro Lys Thr Asn
1 5 10

<210> 11
<211> 17
<212> PRT
<213> Sylvilagus cuniculus

<400> 11

Asn Gln Trp Gly Lys Pro Ser Lys Pro Lys Thr Ser
1 5 10

<210> 14

<211> 12
<212> PRT
<213> Syrian golden hamster

<400> 14

Asn Gln Trp Asn Lys Pro Ser Lys Pro Lys Thr Asn
1 5 10

<211> 15
<211> 12
<212> PRT
<213> Bos taurus

<400> 15

Gly Gln Trp Asn Lys Pro Ser Lys Pro Lys Thr Asn
1 5 10

<210> 16
<211> 13
<212> PRT
<213> Homo sapiens

<400> 16

Gly Gly Leu Gly Gly Tyr Met Leu Gly Ser Ala Met Ser Arg Pro Ile
1 5 10 15

Ile His

<210> 17
<211> 18
<212> PRT
<213> Oryctolagus cuniculus

<400> 17

Gly Gly Leu Gly Gly Tyr Met Leu Gly Ser Ala Met Ser Arg Pro Leu
1 5 10 15

Ile His

<210> 18
<211> 18
<212> PRT
<213> Syrian golden hamster
<400> 18

Gly Gly Leu Gly Gly Tyr Met Leu Gly Ser Ala Met Ser Arg Pro Met

1

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10

15

Met His

<210> 19
<211> 18
<212> PFT
<213> Murinae gen. sp.

<400> 19

Gly Gly Leu Gly Gly Tyr Met Leu Gly Ser Ala Met Ser Arg Pro Met
1 5 10 15

Le His

<210> 20
<211> 18
<212> PFT
<213> Bos taurus

<400> 20

Gly Gly Leu Gly Gly Tyr Met Leu Gly Ser Ala Met Ser Arg Pro Leu
1 5 10 15

Le His

<210> 21
<211> 33
<212> PFT
<213> Homo sapiens

<400> 21

Gly Ser Asp Tyr Glu Asp Arg Tyr Tyr Arg Glu Asn Met His Arg Tyr
1 5 10 15

Pro Asn Gln Val Tyr Tyr Arg Pro Met Asp Glu Tyr Ser Asn Gln Asn
20 25 30

Asn

<210> 22
<211> 33
<212> PFT

<213> *Cryctolagus cuniculus*

<400> 22

Gly Asn Asp Tyr Glu Asp Arg Tyr Tyr Arg Glu Asn Met Tyr Arg Tyr
1 5 10 15

Pro Asn Gin Val Tyr Tyr Arg Pro Val Asp Gln Tyr Ser Asn Gin Asn
20 25 30

Ser

<210> 23

<211> 33

<212> PRT

<213> Syrian golden hamster

<400> 23

Gly Asn Asp Trp Glu Asp Arg Tyr Tyr Arg Glu Asn Met Asn Arg Tyr
1 5 10 15

Pro Asn Gin Val Tyr Tyr Arg Pro Val Asp Gln Tyr Asn Asn Gln Asn
20 25 30

Asn

<210> 24

<211> 33

<212> PRT

<213> Murinae gen. sp.

<400> 24

Gly Asn Asp Trp Glu Asp Arg Tyr Tyr Arg Glu Asn Met Tyr Arg Tyr
1 5 10 15

Pro Asn Gin Val Tyr Tyr Arg Pro Val Asp Gln Tyr Ser Asn Gin Asn
20 25 30

Asn

<210> 25

<211> 33

<212> PRT

<213> *R. m. tauricus*

<400> 25

Gly Ser Asp Tyr Glu Asp Arg Tyr Tyr Arg Glu Asn Met His Arg Tyr
1 5 10 15

Pro Asn Gln Val Tyr Tyr Arg Pro Val Asp Gln Tyr Ser Asn Gln Asn
20 25 30

Asn

<210> 26

<211> 31

<212> PRT

<213> Ovis aries

<400> 26

Gly Asn Asp Tyr Glu Asp Arg Tyr Tyr Arg Glu Asn Met Tyr Arg Tyr
1 5 10 15

Pro Asn Gln Val Tyr Tyr Arg Pro Val Asp Arg Tyr Ser Asn Gln Asn
20 25 30

Asn

<210> 27

<211> 11

<212> PRT

<213> Homo sapiens

<400> 27

Arg Glu Ser Gln Ala Tyr Tyr Gln Arg Gly Ser
1 5 10

<210> 28

<211> 10

<212> PRT

<213> Oryctolagus cuniculus

<400> 28

Gln Glu Ser Gln Ala Ala Tyr Gln Arg Ala
1 5 10

<210> 29

<211> 11

<212> PRT

<213> Syrian golden hamster

<400> 29

Lys Glu Ser Gln Ala Tyr Tyr Asp Gly Arg Arg Ser
1 5 10

<210> 30

<211> 12

<212> PRT

<213> Bos taurus

<400> 30

Arg Glu Ser Gln Ala Tyr Tyr Gln Arg Gly Ala Ser
1 5 10